

IN THE CLAIMS:

PLEASE AMEND the claims by substituting the following like-numbered claims:

9. The system of claim 1 further comprising a plurality of fuses, wherein at least one of the electrical conductors is interrupted by multiple fuses that are interconnected in parallel.

17. The method of claim 16 further comprising interrupting at least one of the electrical conductors by multiple fuses that are interconnected in parallel.

24. A method for transmitting electrical current through a plurality of parallel fuses, the method comprising:

- (a) arranging a plurality of fuses in an array wherein the fuse orientations are substantially parallel to each other;
- (b) passing electrical current into and out of the array in a direction substantially perpendicular to the fuse orientations; and
- (c) transmitting a portion of the electrical current through each fuse of the plurality.

26. The apparatus of claim further comprising first and second arrays of mating interfaces, wherein:

- (a) each mating interface in the first array is coupled to an electrical conductor of the first plurality of electrical conductors;

*pub. B1*  
*cont'd.*  
(b) each mating interface in the second array is coupled to an electrical conductor of the second plurality of electrical conductors; and

(c) the first and second arrays are disposed at opposite ends of the matrix of fuse receptacles.

---

*pub. B1*  
30. An electrical connector comprising:

(a) a first portion fabricated from conductive material and including a substantially circular first aperture; and

(b) a second portion molded from nonconductive material and including a substantially rectangular second aperture that is larger in area than the first aperture;

wherein

(c) the first and second portions are arranged such that the first and second apertures are substantially coaxial.

---